

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

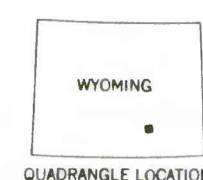


PLATE 20
MINING-RATIO MAP
OF COAL BED
77 (79)